

Forming Partnership: Health Sciences Library Collaborates with Community Colleges to Create Interactive Training Tools

Brenda Linares and Rachel Hinrichs

UNC Health Science Library

Friday, October 23th, 2015



Acknowledgement

This project has been funded in whole or in part with Federal funds from the National Library of Medicine, National Institutes of Health, Department of Health and Human Services, under Contract No. HHS-N-276-2011-00004-C with the University of Maryland Baltimore



First Question



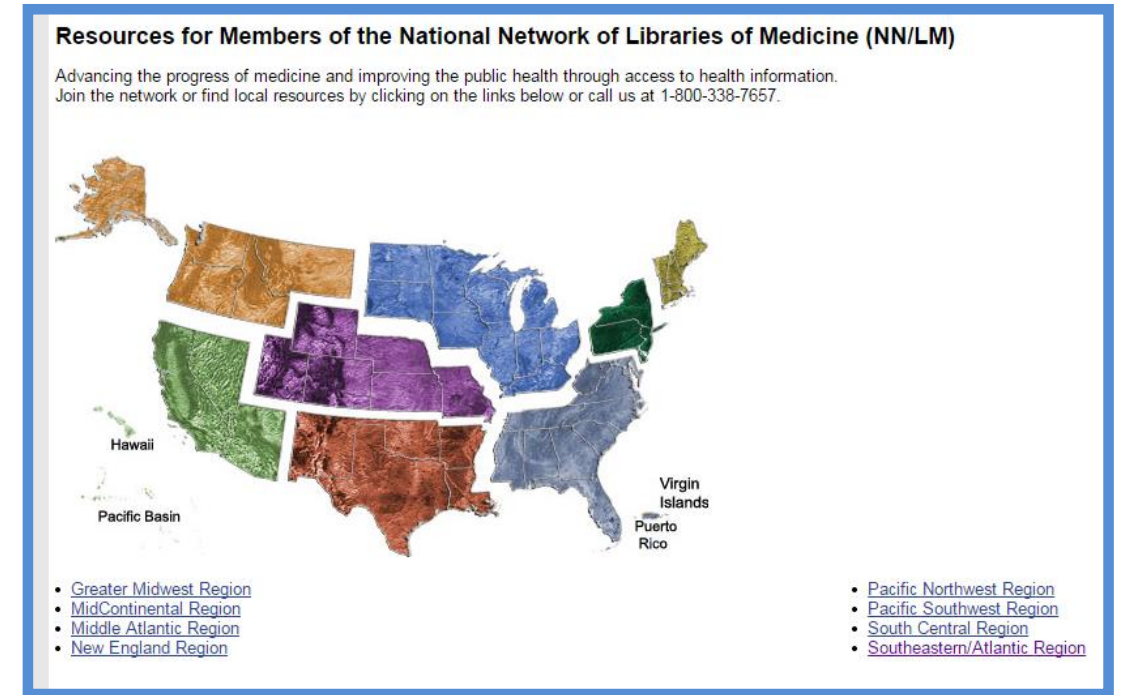
Agenda

- NN/LM Outreach and Funding
- Why Community Colleges?
- Purpose of Project
- Phase I
 - Needs Assessment
- Phase II
 - Modules
- Phase III
 - Feedback
- Lessons learned
- Future



National Network of Libraries of Medicine

- National Library of Medicine
- NN/LM
 - Provide Outreach/Support to provide health information services
 - Training and professional development opportunities
 - Funding for health information outreach projects
- <http://nnlm.gov/>





News & Announcements

- » [SEA Currents](#)
- » [Staying Informed in SE/A Region](#)

Follow us:



This Week at SE/A

October 19-20 - Tony, Andrew, Sheila, Dale, Ashley and Terri - MAC Chapter Meeting in Asheville, NC

October 19 - Nancy is teaching classes in VA

October 21-23 - Tony, Andrew, Sheila, and Dale - Southern Chapter Meeting in San Juan, PR

Out of the Office

October 20 - Colette(after 11 am)

October 21 - Terri and Sheila

October 22 - Nancy, Terri and Ashley

October 23 - Ashley, Nancy and Colette

Quick Links

- » [DOCLINE](#)
- » [Loansome Doc](#)
- » [Search for Network Members](#)
- » [Emergency Preparedness & Reponse Toolkit](#)
- » [Libraries and the Affordable Care Act](#)

Resources for Members of the National Network of Libraries of Medicine (NN/LM) Southeastern/Atlantic Region (SE/A)



Supporting collaboration among 32 Resource Libraries and over 1,000 information centers.

Please click on the state name to find specific information resources in the states of:

[Alabama](#)

[District of Columbia](#)

[Florida](#)

[Georgia](#)

[Maryland](#)

[Mississippi](#)

[North Carolina](#)

[Puerto Rico](#)

[South Carolina](#)

[Tennessee](#)

[U.S. Virgin Islands](#)

[Virginia](#)

[West Virginia](#)

JOIN THE NETWORK

The NN/LM's goal is to enhance access to health information for health professionals and the public.





Related Pages

- » [Funding](#)
- » [2011-2016 - Funding in SE/A Region](#)
- » [Grant Proposal Writing Tips](#)
- » [Evaluation, Guides, Planning and Evaluating Outreach Projects \(OERC\)](#)
- » [Network Membership Form](#)
- » [2011-2016 Contract - Projects Funded in SE/A](#)

[Home](#) » [Funding](#)

Funding Opportunities in the SE/A Region - Not all SE/A funding opportunities listed on this page are currently available, please go to our [current funding page](#) for all currently available funding opportunities.

SE/A Funding

- Outreach to Health Professionals Projects - Not Available for the 2015-2016 year
- Consumer Health Outreach Projects - Not Available for the 2015-2016 year
- [Express Library Technology Improvement Award](#)
- [Express Hospital Library Promotion Award](#)
- [Express Training Award](#)
- [Express Library Digitization and Conservation Award](#)
- [Express Outreach Project Award](#)
- [Health Literacy Pilot Project Award](#)
- [Community Technology Improvement Award](#)
- [Express Planning and Assessment Award](#)
- [Express Outreach Follow-Up Award](#)
- [State and Regional Exhibiting Award](#)
- [Information Technology and Policy Awareness Award](#)
- [Express Mobile Technology Project Award](#)

All awards issued under the NLM Contract with the University of Maryland, Baltimore are subject to the Government's availability of appropriated funds in compliance of Federal Acquisition Regulation (FAR) 52.232-18, Availability of Funds. No legal liability on the part of the Government for any payment may arise until funds are made available to the Contracting Officer for this contract and until the Contractor receives notice of such availability, to be confirmed in writing by the Contracting Officer.





Related Pages

- » [Training and Educational Opportunities](#)
- » [Classes Offered by SE/A Staff](#)
- » [Consumer Health Information Specialization CHIS Program](#)
- » [SEA Registration Form](#)
- » [Training Opportunities](#)

[Home](#)

Training and Educational Opportunities

[Classes Offered by SE/A Staff](#)

[Training and Educational Opportunities - NN/LM Educational Resources](#) (External Link)

Upcoming Online Training Opportunities

October 19 - November 20, 2015 - [The Canny Consumer: Resources for Consumer Health-Decision Making](#)

October 26-November 20, 2015 - [Super Searcher/Enhancing Your Online Super Searcher Powers](#)

November 23 - December 14, 2015 - [Combatting Information Fatigue: Health Information Resources for Veterans](#)

November 30 - December 18, 2015 - [Cool Creative Communications: Dazzling Data Visualization](#)

[More information](#) about additional Consumer Health Information Specialization Classes being held in 2015

Registrations for online classes are accepted up to 1 week after start date of the class, unless otherwise noted.

Please go to our [class registration page](#) to register for our online classes. If you need additional information about any of our classes, please [email the SEA](#) and one of our staff will respond.



Why Community Colleges?

- **Community College Outreach**

Goal: Improved health information access in community colleges for librarians, students, faculty & staff for their academic program.



Purpose of doing outreach

- First Year 2013-2014
 - Express Planning and Assessment Award
 - \$6000
 - Build a relationship between the Health Sciences Library (HSL), the Institute on Aging (IOA), community college
 - Perform a needs assessment of health information needs
 - Determine the feasibility of a future outreach project with specific populations or with unaffiliated health professionals
- Second Year 2014-2015
 - Express Planning and Assessment Award
 - \$10,000
 - Respond to the health information needs identified in the survey results
 - Create an interactive tutorial
 - Test the interactive tutorials with the students and faculty



PHASE 1: Health Information Needs Assessment



Collaboration

Nursing programs and Occupational Therapy programs
with an emphasis on geriatric education

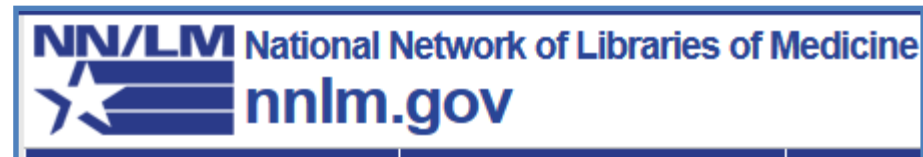


- Lee County
- Rural area
- (26% Hispanic and 28% Black or African American)
- Nursing Librarian

- Durham County
- Urban area
- (14% Hispanic and 41% Black or African American)
- Librarian and OT Professor



Collaboration



North Carolina Institute for Public Health

Surveys

- Distributed in print and electronic format
 - Faculty
 - 12 Questions
 - Students
 - 17 Questions
- 165 Student surveys
- 16 Faculty

Student Survey

UNC Health Sciences Library and UNC Institute on Aging
Disclaimer: This is a voluntary survey.
Your personal information will not be collected.
This project has been funded by in whole or in part with Federal funds from the National Library of Medicine, National Institutes of Health, Department of Health and Human Services, under Contract No. HHS-N-276-2011-00004-C with the University of Maryland.
Contact Brenda Linares, MLIS, AHIP at blinares@unc.edu if you have any questions.

Student Survey
Information and Research Needs

1. What Community College do you attend?

☐ Central Carolina Community College

☐ Durham Technical Community College

2. Which semester are you in?

☐ First Semester

☐ Second Semester

☐ Third Semester

☐ Fourth Semester

☐ Fifth Semester

☐ Other

3. What is your major?

☐ Associate Degree Nursing

☐ Physical Therapist Assistant

☐ Practical Nursing

☐ Occupational Therapy Assistant

☐ Regional Increasing Baccalaureate Nursing (RIBN)

☐ Other

Faculty survey

UNC Health Sciences Library, Community Colleges, and UNC Institute on Aging
Disclaimer: This is a voluntary survey.
Your personal information will not be collected.
This project has been funded by in whole or in part with Federal funds from the National Library of Medicine, National Institutes of Health, Department of Health and Human Services, under Contract No. HHS-N-276-2011-00004-C with the University of Maryland.

Faculty Survey
Information and Research Needs

1. What is your affiliation?

☐ Central Carolina Community College

☐ Durham Technical Community College

2. Which classes do you teach?

3. Which department/programs do you teach in? (You can select more than one answer)

☐ Assistant Degree Nursing

☐ Practical Nurse

☐ Physical Therapist Assistant

☐ Occupational Therapist Assistant

☐ Regional Increasing Baccalaureate Nursing (RIBN)

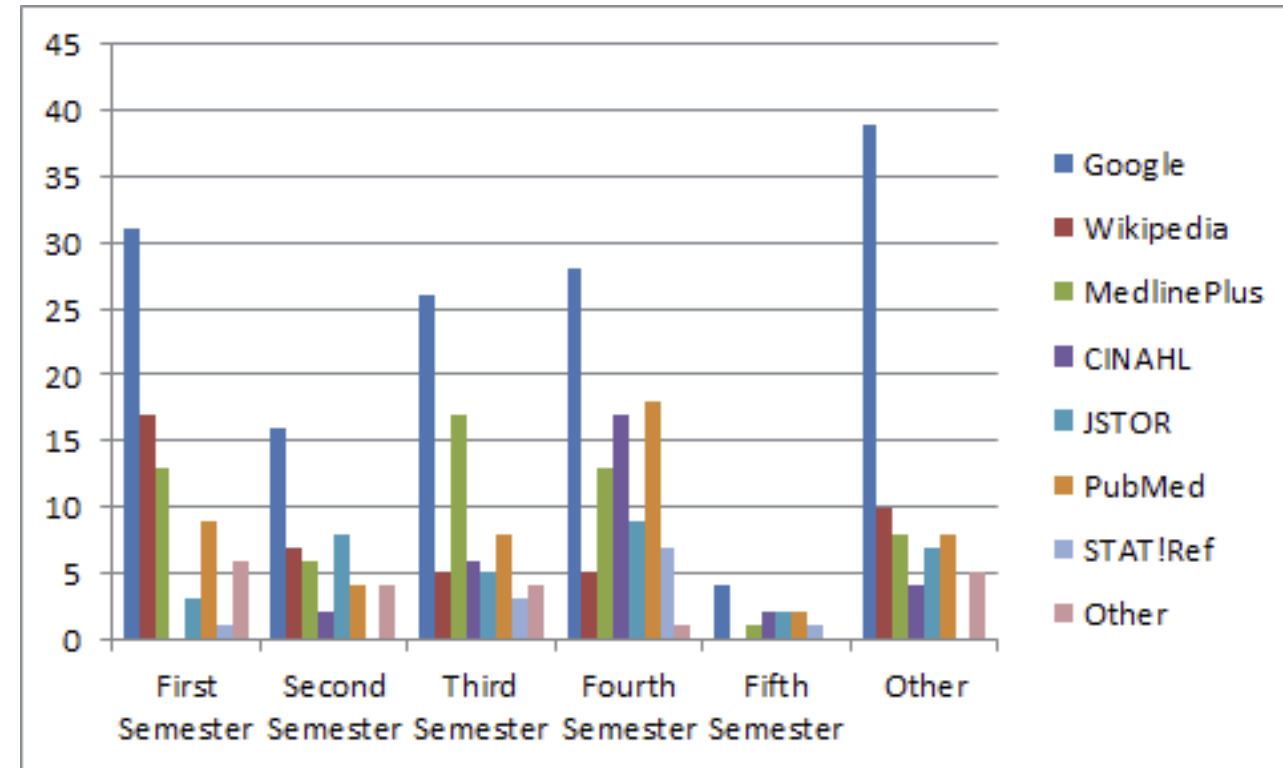
☐ Other

4. What library resources do you use for your class?



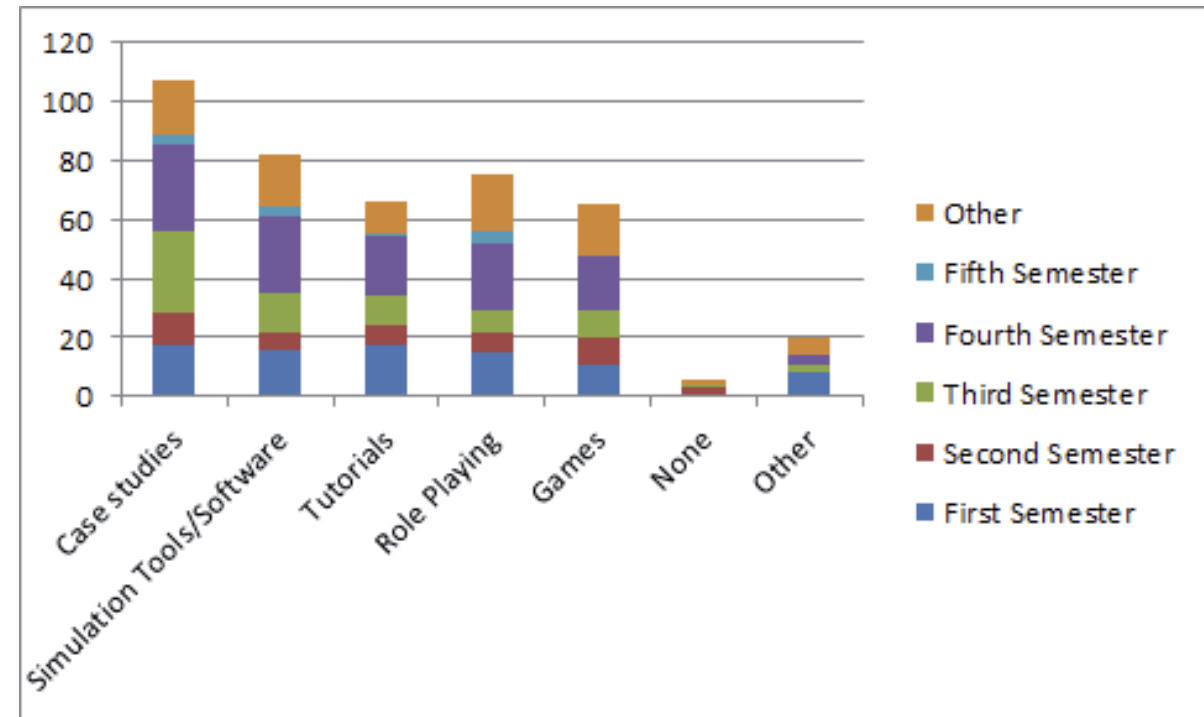
Results

- Majority of students listed Google, MedlinePlus, PubMed, and Wikipedia as their top five online resources.
- The use of Wikipedia goes down the longer they are in school (17 students use it their first semester, while only 5 use it on their 4th and 5th semester).



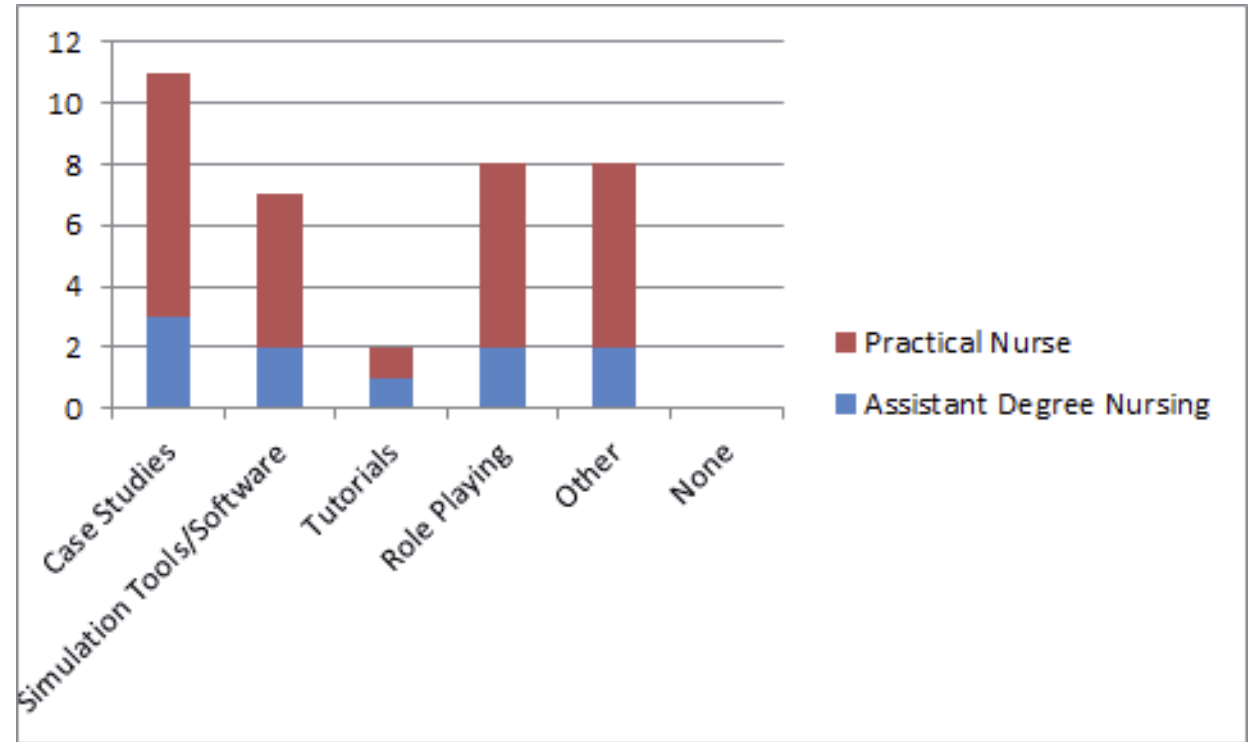
Results

- Interest in different types of learning activities changes depending on which semester they are in.
- Third semester students (28) are more interested in case studies, while first semester students (17) are interested in tutorials



Results

- Majority of the faculty who teach in the Assistant Degree Nursing Program and Practical Nursing teach with case studies and simulation tools/software



Conclusion of Results

- Students and faculty want interactive tutorials
- Second phase
 - Create interactive tutorials
 - One for each community college



Phase II: Interactive Modules



Second Question



Central Carolina Community College



- Partner: Librarian
- Audience: Nursing students
- Focus
 - Consumer health resources for patients
 - Professional development

Durham Technical Community College



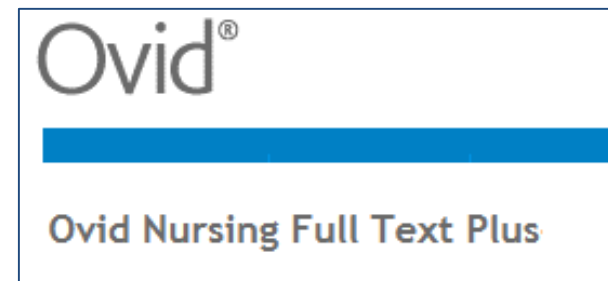
- Partner: OT professor and librarians
- Audience: OT practitioners & students
- Focus
 - Research skills
 - Evaluation of information quality

Resources: Showcased

Central Carolina Community College



Durham Technical Community College

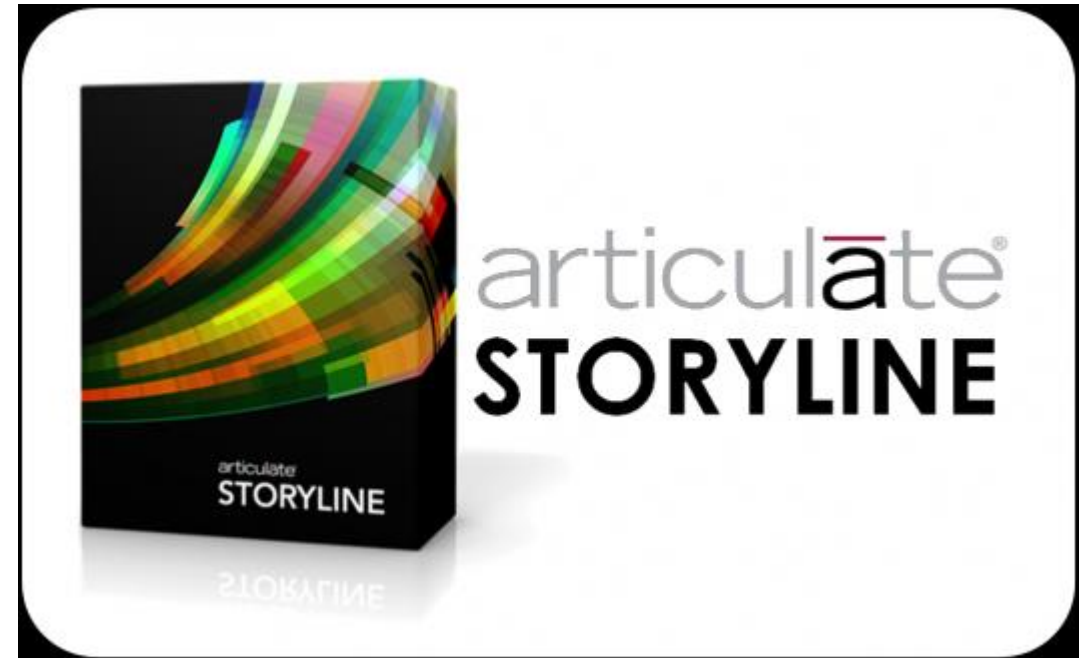


Third Question



Let's make it interactive!

North Carolina Institute for Public Health



Communication is key

Community Colleges

- Asked for input throughout process
- Level of involvement varied

Institute of Public Health

- Set the timeline
- Understanding interactive components of the software

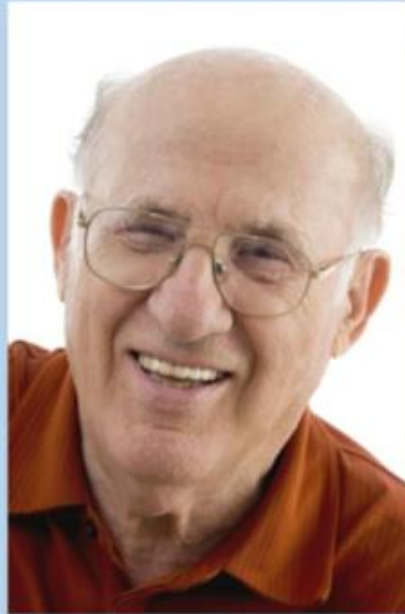
Our Team

- Consistent meetings
- Take advantage of each other's talents to create a strong team



Case Study #2

Helping Michael, a diabetes patient, use NIH Senior Health



Introduction
NIH Senior Health
was developed by
the National
Institute of
Health with
input from
seniors on
what topics
and special
features they
would prefer.

*Click an item
on the screen
you want to
learn more
about.*



The screenshot shows the NIH Senior Health website. At the top, there is a navigation bar with links: Skip Navigation, Help, and a search bar. Below this is a main header with 'NIH Senior Health' and the tagline 'Built with You in Mind'. A group of five diverse older adults is shown. Callout 1 points to the 'Home' link in the navigation bar. Below the header, there is a section for 'Health Topics by First Letter' with a grid of letters A through Z. Callout 2 points to the 'A' link. To the left of the letter grid is a 'Categories' list: Bones and Joints, Cancer, Diseases and Conditions, Healthy Aging, Heart and Lungs, Memory and Mental Health, Treatments and Therapies, Vision and Hearing, and All Topics A-Z. To the right is a 'Featured Topic' section titled 'Health Screenings and Immunizations' with an image of a doctor and a patient. Callout 3 points to the 'Health Videos' section, which describes short videos on health topics. Callout 4 points to the 'Training Tools' section, which offers online health information for older adults. At the bottom, there is a footer with links: Home, Health Topics A-Z, Videos A-Z, Training, About Us, Contact Us, and Site Map. A note at the bottom right says 'Last reviewed: December 2014'.



Introduction

There are several questions you should always ask when evaluating information.

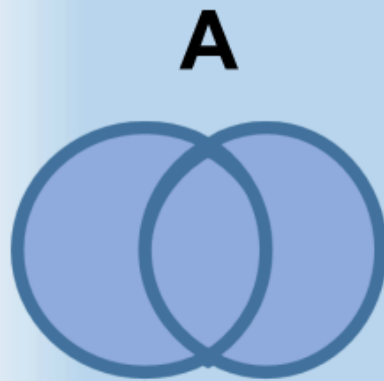
Relevance

Accuracy

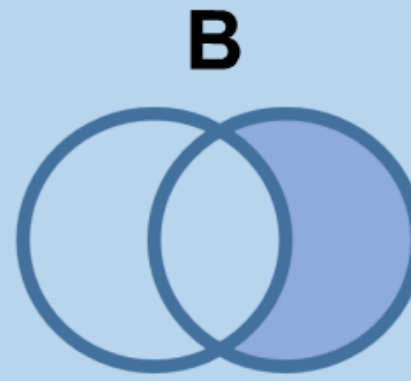
Purpose

You enter the following search into Proquest:
Smoking AND Hypertension

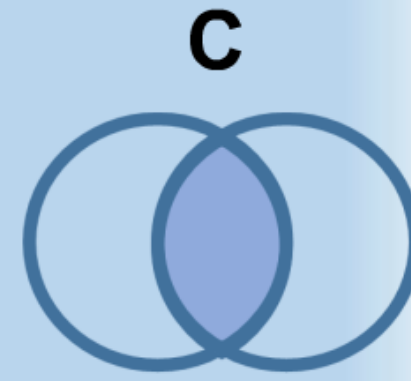
Which picture depicts the results you will retrieve?
Select one, then click “submit”.



Smoking Hypertension



Smoking Hypertension



Smoking Hypertension

Phase III: Feedback



Feedback

- What was your overall opinion of this module?
- What did you like?
- What was helpful?
- What could have been improved?
- How will this help your practice as an OT practitioner (or nurse)?
- Any other thoughts?



Feedback – Interactive Components

“I liked that it was interactive, it kept my attention better that way.

I also liked that it had knowledge checkpoints and gave an explanation after an answer was chosen.”

“It also would have been cool to be more interactive (not sure that is possible) and be able to physically type the info into the boxes. **Doing is often more useful and helpful than watching.** If the listener can't be interactive, this module is 2nd best!”



Feedback – Clear & Concise

“I really liked that it gave **examples** throughout the module and **provided audio** instead of having people read through each slide. It was also nice and condensed. ”

“In the past I have taken some incredibly long and dull modules. **This one was easy to look at, listen to, and follow AND was less than 50 slides. I think its a winner! ”**



Feedback – Specific to the User Group

“I love how it has practical examples of searches we will use in the field, including CVA and NDT. **It's nice to have something cater to our program specifically.**”

“In the past, my advanced searches were pretty basic. I feel like this will help me to better find the information that is applicable and I intend to make a practice of using scholarly research more often. **Using the best research available will help me to become a better OT practitioner.**”



Lessons Learned

- Relationships (Take time and effort)
- Communication/Schedule
- Tight timeline/Deadlines
- Writing the script vs. dialogue
- Finding good collaborators within library, institution, and community
- Open mind



Future Plans

- Pilot testing in both community colleges in process
- Expand to other Community Colleges
- Use technology for our own purpose
- Seek other funding opportunities and other projects
 - <http://nnlm.gov/sea>



Brief Example of Interactive Tutorial



Thank you!

Any Questions?

